

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE (REV. 2-2005)		ATTORNEY'S DOCKET NUMBER 230-05
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) NA <b>10/544252</b>
INTERNATIONAL APPLICATION NO. PCT/EP2004/02208	INTERNATIONAL FILING DATE February 4, 2004	PRIORITY DATE CLAIMED March 10, 2003
TITLE OF INVENTION METHOD OF ELECTROPLATING A WORKPIECE HAVING HIGH-ASPECT RATIO HOLES,		
APPLICANT(S) FOR DO/EO/US Bert Reents and Tafadzwa Magaya		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</li> <li>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input checked="" type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ol style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3)) <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</li> <li>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).</li> <li>11. <input type="checkbox"/> A copy of the International Preliminary Examination Report (PCT/IPEA/409).</li> <li>12. <input checked="" type="checkbox"/> A copy of the International Search Report (PCT/ISA/210).</li> </ol> <p>Items 13 to 23 below concern document(s) or information included:</p> <ol style="list-style-type: none"> <li>13. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>14. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>15. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment.</li> <li>16. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</li> <li>17. <input type="checkbox"/> A substitute specification.</li> <li>18. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>19. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>20. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</li> <li>21. <input type="checkbox"/> A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).</li> <li>22. <input checked="" type="checkbox"/> Express Mail Label No. EV 281505660 US</li> <li>23. <input type="checkbox"/> Other items or information:</li> </ol>		

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <b>10/544252</b>		INTERNATIONAL APPLICATION NO. <b>PCT/EP2004/02208</b>		ATTORNEY'S DOCKET NUMBER <b>230-05</b>	
The following fees are submitted:				<b>CALCULATIONS</b>	<b>PTO USE</b>
24. <input checked="" type="checkbox"/> Basic national fee .....		<b>\$300</b>		\$ <b>\$300.00</b>	
25. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4). ....		<b>\$100</b>		\$ <b>\$200.00</b>	
All other situations. ....		<b>\$200</b>			
26. <input checked="" type="checkbox"/> Search fee .....		<b>\$100</b>			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority .....		<b>\$400</b>			
International Search Report prepared and provided to the Office .....		<b>\$500</b>		\$ <b>\$500.00</b>	
All other situations. ....		<b>\$500</b>			
<b>TOTAL OF 24, 25 and 26 =</b>				\$ <b>\$1,000.00</b>	
<input checked="" type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
30 - 100 = 0	50 = 0	0	x \$250.00	\$ <b>\$0.00</b>	
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
<b>CLAIMS</b>	<b>NUMBER FILED</b>	<b>NUMBER EXTRA</b>	<b>RATE</b>		
Total claims	36 - 20 =	16	x \$50.00	\$ <b>\$800.00</b>	
Independent claims	1 - 3 =	0	x \$200.00	\$ <b>\$0.00</b>	
MULTIPLE DEPENDENT CLAIMS (if applicable) <input checked="" type="checkbox"/> + \$360.00				\$ <b>\$360.00</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ <b>\$2,160.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$ <b>\$0.00</b>	
<b>SUBTOTAL =</b>				\$ <b>\$2,160.00</b>	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$ <b>\$0.00</b>	
<b>TOTAL NATIONAL FEE =</b>				\$ <b>\$2,160.00</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$ <b>\$40.00</b>	
<b>TOTAL FEES ENCLOSED =</b>				\$ <b>\$2,200.00</b>	
				<b>Amount to be</b>	\$
				<b>Amount to be</b>	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <b>\$2,200.00</b> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <b>16-0750</b>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. <b>WARNING:</b> Information on this form may become public. <b>Credit card information should not be included on this form.</b> Provide credit card information and authorization on PTO-2038.</p>					
<p><b>NOTE:</b> Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p> <p>SEND ALL CORRESPONDENCE TO:</p> <p><b>John F. McNulty, Esquire</b> Paul &amp; Paul 2900 Two Thousand Market Street Philadelphia, PA 19103 USA (215) 568-4900</p>					
				<b>SIGNATURE</b>	
				<b>John F. McNulty, Esquire</b>	
				<b>NAME</b>	
				<b>23,028</b>	
				<b>REGISTRATION NUMBER</b>	

PATENT

## PCT INTERNATIONAL APPLICATION

Serial No.: NA  
Filed: Herewith  
Based on: PCT/EP2004/02208  
Title: METHOD OF ELECTROPLATING A  
WORKPIECE HAVING HIGH-ASPECT  
RATIO HOLES  
Inventor(s): Bert Reents et al.  
Priority Date  
Claimed: March 10, 2003  
Docket No.: 230-05

"EXPRESS MAIL" MAILING LABEL NO:  
EV 281505660 US  
DATE OF DEPOSIT August 2, 2005  
I HEREBY CERTIFY THAT THIS PAPER IS BEING  
DEPOSITED WITH THE UNITED STATES POST  
OFFICE "EXPRESS MAIL POST OFFICE TO  
ADDRESSEE" SERVICE UNDER 37 C.F.R. § 1.10 ON  
THE DATE INDICATED ABOVE AND IS ADDRESSED  
TO THE COMMISSIONER FOR PATENTS P.O. BOX  
1450, ALEXANDRIA, VA 22313-1450  
NAME OF PERSON MAILING PAPER OR FEE  
Robert DeShields  
*Robert DeShields*  
SIGNATURE:

## EXPRESS MAIL COVER LETTER

*Commissioner for Patents*  
*P.O. Box 1450*  
*Alexandria, VA 22313-1450*

Dear Sir:

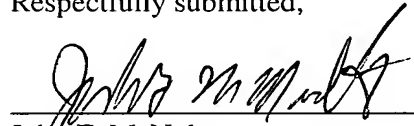
Enclosed and attached hereto are the following documents:

- (1) Express Mail Cover Letter;
- (2) International Application Transmittal form (2 pages);
- (3) Check in the amount of \$2,160.00 for application filing fee;
- (4) Specification (20 pages);
- (5) Claims (3 pages);
- (6) Preliminary Amendment (5 pages);
- (7) Drawings (7 pages);
- (8) Declaration Power of Attorney Document 3 pages (executed);

- (9) Assignment with PTO form 1595;
- (10) Check in the amount \$40.00 recordation fee;
- (11) International Publication WO 2004/081262 A1;
- (12) Copy of International Search Report (2 pages);
- (13) Information Disclosure Statement with PTO form 1449 and attachments (9);
- (14) Copy of Request;
- (15) Copy of Form PCT/IB/345 (corrected filing date);
- (16) Copy of Form PCT/IB/304; and
- (17) Paul & Paul postcard to be returned by the PTO.

THE COMMISSIONER IS HEREBY AUTHORIZED TO CHARGE ANY ADDITIONAL FEES ASSOCIATED WITH THIS COMMUNICATION, OR CREDIT ANY OVERPAYMENT, TO PAUL & PAUL DEPOSIT ACCOUNT NO. 16-0750, ORDER NO. 3365.

Respectfully submitted,



John F. McNulty  
Reg. No. 23,028  
Paul & Paul  
2900 Two Thousand Market St.  
Philadelphia, PA 19103  
(215) 568-4900